

Comparisons of Job Characteristics

Focus Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

Associated Occupation: Textile Cutting Machine Setters, Operators, and Tenders (51-6062)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 70

Focus Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	8.8	10.3	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	11.5	11.6	0 Current skill level may be sufficient
Operation and Control	5.4	10.3	9.6	0 Current skill level may be sufficient
Quality Control Analysis	5.9	10.2	10.3	0 Current skill level may be sufficient
Equipment Maintenance	3.5	10.1	8.8	< A higher skill level may be required
Troubleshooting	4.5	9.2	9.0	0 Current skill level may be sufficient
Repairing	3.4	8.7	8.1	0 Current skill level may be sufficient
Equipment Selection	3.3	6.9	5.9	< A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)
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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Arm-Hand Steadiness	6.8	12.1	10.4	<	Some improvement in abilities may be required
Multilimb Coordination	6.0	10.6	9.8	0	Current ability level may be sufficient
Rate Control	3.8	9.6	7.9	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	9.6	6.6	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	9.5	10.2	0	Current ability level may be sufficient
Auditory Attention	5.9	8.5	10.5	>	Current ability level is likely sufficient
Response Orientation	4.0	8.3	5.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)
Associated Occupation: Textile Cutting Machine Setters, Operators, and Tenders (51-6062)

Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Clean equipment or machinery	20
Examine products or work to verify conformance to specifications	15
Install equipment or attachments on machinery or related structures	48
Load or unload material or workpiece into machinery	34
Maintain or repair industrial or related equipment/machinery	39
Monitor production machinery/equipment operation to detect problems	27
Move or fit heavy objects	8
Perform safety inspections in manufacturing or industrial setting	33
Read specifications	23
Read work order, instructions, formulas, or processing charts	9
Set up production equipment or machinery	51
Understand technical operating, service or repair manuals	6
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)

Associated Occupation: Textile Cutting Machine Setters, Operators, and Tenders (51-6062)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.